

INTERNATIONAL INSTITUTE OF AGRICULTURE
BUREAU OF AGRICULTURAL INTELLIGENCE AND PLANT DISEASES

INTERNATIONAL REVIEW
OF THE SCIENCE
AND PRACTICE OF AGRICULTURE

MONTHLY BULLETIN
OF AGRICULTURAL INTELLIGENCE AND PLANT DISEASES

INDEX 1918



ROME
PRINTING OFFICE OF THE INSTITUTE
1918

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This index though arranged alphabetically retains the grouping of the subjects used in the *International Review*.

Except in the case of the original articles, which are numbered according to their pages, the numbers of each subject refer to the paragraphs in the *International Review*.

The index consists of three parts: one of the original articles, one concerned with Agricultural Intelligence and the last with Plant Diseases.

In case of errors in the Bulletin with reference to scientific terms and the names of authors, it should be noted that the correct spelling can be relied upon in the Index (See *Errata*).

The Table used for the conversion of the Weights, Measures and Money values of the various countries to the Metric System is included. A list is also given of the Periodical Publications reviewed by the Bureau.

This Index was prepared by redacteurs : Dr. Giulio Provenzal and Prof. Giulio Trinchieri, the latter compiled the Index of Plant Diseases. The whole was adapted to the English Edition by rédactrice Miss M. L. Yeo.

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E R R A T A

AUTHORS.

	Erratum	Correction
	Chernoff L. H.	Chernoff L. H.
AGRICULTURAL INTELLIGENCE.		
No. of Review	Errata	Correction
79	<i>Podocnemis du meriana</i>	<i>Podocnemis du meriliana</i>
138.	* <i>Kuei li-tzu</i> * resistant to Blight	* <i>Kuei li-tzu</i> * resistant to Bark disease.
628	<i>Chaetochloa Lindergiana</i>	<i>Chaetochloa Lindenberiana</i>
772	<i>Dicava priecox</i>	<i>Dicava priecox</i>
880	<i>Sphenoceras sororius</i>	<i>Sphenoceras sororius</i>
1075	<i>Quizotia abyssinica</i>	<i>Guizotia abyssinica</i>

PLANT DISEASES.

No. of Review	Errata	Correction
118.	<i>Cybocephalus rufifrons</i>	<i>Cybocephalus rufifrons</i>
124.	<i>Quercus piniata</i>	<i>Quercus digitata</i>
241.	<i>Antonomus rubi</i>	<i>Anthonomus rubi</i>
*	<i>Apamea testacea</i>	<i>Apamea testacea</i>
*	Applespinimaleen	Applespinimaleen
*	<i>Blitophaga (Oiceoptoma) opaca</i>	<i>Blitophaga (Oiceoptoma) opaca</i>
*	<i>Dasyphilia templi</i>	<i>Dasyphilia templi</i>
*	<i>Erinaceus europeus</i>	<i>Erinaceus europaeus</i>
*	<i>Tetrao urogallus</i>	<i>Tetrao urogallus</i>
242.	<i>Stictococcus sjostedti</i>	<i>Stictococcus sjostedti</i>
243.	<i>Diaspis (Aulacaspis) pentagona</i>	<i>Diaspis (Aulacaspis) pentagona</i>
*	<i>Doryalis caffra</i>	<i>Doryalis caffra</i>
366.	<i>Arbutus Unedo</i>	<i>Arbutus Unedo</i>
487.	<i>Aphis mathiolae</i>	<i>Aphis mathiolae</i>
*	<i>Aphis mathiolellae</i>	<i>Aphis mathiolellae</i>
495.	<i>Eniglaea apiala</i>	<i>Eniglaea apiala</i>
*	<i>Oxyoccus macrocarpus</i>	<i>Oxyoccus macrocarpus</i>
586.	<i>S. Simassi</i>	<i>Puccinia Simassi</i>
933.	<i>Alurodhrinus (A.) floccosus</i>	<i>Alurodhrinus (A.) floccosus</i>
*	<i>Meckelia flava</i>	<i>Meckelia flava</i>
934.	<i>Idarnes carme</i>	<i>Idarnes carme</i>
*	<i>Gr. flavigornis on Oak</i>	<i>Gr. flavigornis on Oak</i>
1295.	<i>Cercospora latimaculatus</i>	<i>Cercospora latimaculans</i>
1311.	<i>Dactylosaurus maroccanus</i>	<i>Dactylosaurus maroccanus</i>
1315.	<i>Gelechia ocellatella</i>	<i>Gelechia ocellatella</i>
1433.	Bombyx	Bombyx
1438.	<i>Laemophloeus</i> sp.	<i>Laemophloeus</i> sp.

V. — WEIGHTS, MEASURES AND MONEY OF THE VARIOUS COUNTRIES WITH THEIR ENGLISH EQUIVALENTS.

1 Archine (Russia)	= 27.9996 inches
1 Ardeb (Egypt)	= 5.44435 bushels.
1 Ardeb of wheat (Egypt)	= 2.95264 cwt.
1 Ardeb of hulled maize (Egypt)	= 2.75580 cwt.
1 Ardeb of barley (Egypt)	= 2.36211 cwt.
1 Ardeb of undecorticated rice (Egypt)	= 5.72812 cwt.
1 Ardeb of decorticated rice (Egypt)	= 3.83813 cwt.
1 Arpent (Canada)	= 0.84501 acre
1 Are [100 square metres]	= 107.63915 square feet
1 Arroba (Brazil)	= 33.06951 lbs.
1 Arroba (Cuba, Guatemala, Paraguay, Peru)	= 25.35841 lbs.
1 Arroba (Mexico)	= 25.36657 lbs.
1 Bale of cotton (Brazil)	= 396.83415 lbs.
1 Bale of cotton (United States)	= 4.46431 cwt. (gross wt.)
1 Bale of cotton (India)	= 4.26788 cwt. (net wt.)
1 Barrel of wheat flour (Canada, United States)	= 3.57145 cwt.
1 Bar, see Millier	= 1.75002 cwt.
1 Bow (Java, Dutch Indies)	= 76.36998 square feet
1 Bushel (United States)	= 0.96856 bushels
1 Bushel of oats (United States)	= 32 lbs.
1 Bushel of oats (Canada)	= 34 lbs.
1 Bushel of wheat and potatoes (United States)	= 60 lbs.
1 Bushel of barley (Canada, United States)	= 48 lbs.
Bushel of raw rice (United States)	= 45 lbs.
Bushel of rye, hulled maize, linseed (Canada, United States)	= 56 lbs.
Cadastral arpent (Hungary)	= 1.42201 acres
Cental (United States)	= 100 lbs.
Centiare [10 square metres]	= 10.76392 square feet
Centigramme	= 0.15432 grains
Centilitre	= 0.0022 gallons
Centimetre	= 0.393715 inches
Centistere	= 0.35315 cubic feet
Centner (Germany, Austria, Denmark)	= 110.23171 lbs.
Centner (Sweden)	= 93.71238 lbs.
Cho [60 ken] (Japan)	= 119.30327 yards.
Cho (Japan)	= 2.45068 acres
Crown [100 heller] (Austria-Hungary)	= 10 d. at par
Crown [100 öre] (Denmark, Norway, Sweden)	= 1s 1 $\frac{1}{4}$ d. at par
Cubic centimetre	= 0.06102 cubic inch
Cubic metre	= 3.50795 cubic yards
Decagramme [10 grammes]	= 0.35275 oz.

1 Decalitre [10 litres]	= 2.19976 gallons
1 Decametre [10 metres]	= 32.80840 feet
1 Decare [1000 square metres]	= 1195.98627 square yards
1 Decastere [10 cubic metres]	= 13.07951 cubic yards
1 Deciare [10 square metres]	= 11.95986 square yards
1 Deciatine [2 tchelwert] (Russia)	= 2.69966 acres
1 Decigramme	= 1.54323 grains
1 Decilitre	{ 0.022 gallons
1 Decimetre	= 0.0027497 bushels
1 Decistere	= 3.93701 inches
1 Dinar, gold [100 para] (Serbia)	= 3.53146 cubic yards
1 Dollar, gold, \$ [100 cents] (United States)	= 9 $\frac{1}{4}$ d. at par
1 Drachm, gold [100 lepta] (Greece)	= 48 $\frac{1}{4}$ d. at par
1 Dz. = Doppelzentner (Germany)	= 9 $\frac{1}{4}$ d. at par
1 Egyptian kantar (Egypt)	= 220.46341 lbs.
1 Feddan Masri [24 Kirat Kamel] (Egypt)	= 99.04980 lbs.
1 Florin, gold, or Gulden [100 cents] (Netherlands)	= 1.03805 acres
1 Franc [100 centimes] (France)	= 18 $\frac{1}{4}$ d. at par
1 Gallon (United States)	= 9 $\frac{1}{4}$ d. at par
1 gramme	= 0.83270 gallons
1 Hectare [10 000 square metres]	= 0.03527 oz.
1 Hectogramme (100 grammes)	= 3.47109 acres
1 Hectolitre [100 litres]	= 3.32746 oz.
1 Hectometre [100 metres]	= 21.99755 gallons
1 Hectostere [100 cubic metres]	= 2.74967 bushels
1 Jarra (Mexico)	= 109.36133 yards
1 Kadastral hold, see Cadastral arpent	= 130.79505 cubic yards
1 Kin (Japan)	= 7.22642 quarts
1 Kokou [10 to] (Japan)	= 1.32273 lbs.
1 Kokou of oats (Japan)	= 1.58726 quarts
1 Kokou of cocoons (Japan)	= 1.55014 cwt.
1 Kokou of wheat and maize (Japan)	= 82.67268 lbs.
1 Kokou of barley (Japan)	= 2.58356 cwt.
1 Kokou of naked barley (Japan)	= 2.06683 cwt.
1 Kokou of rice (Japan)	= 2.69428 cwt.
1 Kopek (Russia)	= 2.80501 cwt.
1 Kwan (Japan)	= 1 $\frac{1}{4}$ d. farthing at $\frac{1}{2}$
1 Lei, gold [100 bani] (Rumania)	= 8.26738 lbs.
1 Leu [100 statinki] (Bulgaria)	= 9 $\frac{1}{4}$ d. at par
1 Lira [100 centesimi] (Italy)	= 9 $\frac{1}{4}$ d. at par
1 Litre	{ = 0.21998 gallons
1 Manzana (Nicaragua, Guatemala)	= 0.0275 bushels
1 Mark [100 Pfennige] (Germany)	= 1.72665 acres
1 Mark [100 penni] (Finland)	= 11 $\frac{1}{4}$ d. at par
1 Maund Factory (India)	= 9 $\frac{1}{4}$ d. at par
	= 74.6709 lbs.

1 Maund Imperial (India)	= 82.28136 lbs.
1 Metre	= 3.28084 feet
1 Milliare	= 1.07639 square feet
1 Milligramme	= 0.01543 grains
1 Millilitre	= 0.00022 gallons
1 Millimetre	= 0.03937 inches
1 Millistere	= 61.02361 cubic inches
1 Myriagramme [10 000 grammes]	= 22.04634 lbs.
1 Myrialitre [10 000 litres]	{ = 2 199.75539 gallons = 274.96701 bushels
1 Myriametre [10 000 metres]	= 6.21373 miles
1 Millier [1 000 000 grammes]	= 19.68426 cwt.
1 Milreis, gold (Brazil)	= 2 x 2 $\frac{1}{4}$ d at par
1 Milreis, gold (Portugal)	= 4 x 5 $\frac{1}{4}$ d at par
1 Minot (Canada)	= 1.07306 bushels
1 Morgen (Cape of good Hope)	= 2.11654 acres
1 Muid (Cape of good Hope)	{ = 24 gallons = 3 bushels
1 Oka (Greece)	= 2.75579 lbs.
1 Oke (Egypt)	= 2.75158 lbs.
1 Peseta, gold [100 céntimos] (Spain)	= 9 $\frac{1}{4}$ d at par
1 Peso, gold [100 centavos] (Argentina)	= 35 11 $\frac{1}{4}$ d at par
1 Peso, gold [100 centavos] (Chili)	= 15 5 $\frac{1}{4}$ d at par
1 Pic (Egypt)	= 2.46616 feet
1 Pikul (China)	= 133.27675 lbs.
1 Pikul (Japan)	= 132.27805 lbs.
1 Pound (Russia)	= 36.11292 lbs.
1 Pound, Egyptian, gold [100 piastres]	= £1.0. 6 $\frac{1}{4}$ d at par
1 Pound, Turkish, gold [100 piastres] (Ottoman Empire)	= 18 80 $\frac{1}{4}$ d at par
1 Pund (Sweden)	= 0.93712 lbs.
1 Quintal	= 1.96343 cwt.
1 Rouble, gold [100 kopeks] (Russia)	= 2 8 1 $\frac{1}{4}$ d at par
1 Rupee, silver [16 annas] (British India)	= 1 5 4 d at par
1 Square metre	= 1.19599 square yards
1 Stere [1 cubic metre]	= 1.30795 cubic yards
1 Sucre, silver (Ecuador)	= 1 8 11 $\frac{1}{4}$ d at par
1 Talari [20 piastres] (Egypt)	= 4 8 1 $\frac{1}{4}$ d at par
1 To (Japan)	{ = 0.49601 bushels = 3.96815 gallons
1 Ton (metric)	= 0.98421 tons
1 Verst (Russia)	= 1166.64479 yards
1 Yen, gold [2 fun or 100 sen] (Japan)	= 2 8 0 $\frac{1}{4}$ d at par
1 Zentner (Germany)	= 110.23171 lbs.

IV. — PERIODICAL PUBLICATIONS REVIEWED
BY THE BUREAU OF AGRICULTURAL INTELLIGENCE
AND PLANT DISEASES.

ARGENTINE.

Agronomía. Buenos Aires.
Anales de la Sociedad rural argentina. Buenos Aires.
Anuario de la Dirección general de Estadística. Buenos Aires.
Anuario estadístico. República Argentina. Buenos Aires.
Argentine (The) Year-Book. London.
Boletín de Agricultura. Córdoba.
Boletín mensual del Museo Social Argentino y Boletín bibliográfico mensual (anexo al Bol. mens. d. Museo Soc. Arg.). Buenos Aires.
Boletín de Obras Públicas de la República Argentina. Buenos Aires.
Boletín de la Sociedad Forestal Argentina. Buenos Aires.
Campo (El). Buenos Aires.
Comercio (El) exterior argentino. Buenos Aires.
Gaceta rural. Buenos Aires.
Ministerio de Agricultura de la Nación. Dirección general de Enseñanza e Investigaciones agrícolas: 1. *Boletín*. — 2. *Circulares*. — 3. *Publicaciones*. Buenos Aires.
Ministerio de Relaciones exteriores y Censo: 1. *Boletín*. — 2. *Circular informativa mensual*. Buenos Aires.
Monitor de Sociedades anónimas y Patentes de Invención. Buenos Aires.
Review (The) of the River Plate. Buenos Aires.

Revista del Centro Estudiantes de Agronomía y Veterinaria de la Universidad de Buenos Aires. Buenos Aires.
Revista de Ciencias Económicas. Buenos Aires.
Revista Industrial y Agrícola de Tucumán. Tucumán.
Revista de la Facultad de Agronomía y Veterinaria. Buenos Aires.
Revista (La) de la Liga agraria. Buenos Aires.
Revista Forestal. Buenos Aires.
Revista de la Sociedad rural de Córdoba. Córdoba.
Universidad de Tucumán. Informe del Departamento de Investigaciones industriales. Tucumán.

AUSTRALIA.

Agricultural (The) Gazette of New South Wales. Sydney.
Agricultural (The) Gazette of Tasmania. Hobart.
Annual Report. Department of Agriculture and Industries of Western Australia. Perth.
Annual Report. Department of Lands and Survey. South Australia. Adelaide.
Annual Report. Papua. Melbourne.
Annual. Royal Agricultural Society of New South Wales. Sydney.

* A certain number of these publications have not been received regularly during the war. The Library made the necessary arrangements in connection with the renewal of subscriptions and the exchange with the Institute publications. (Ed.)

Australian (The) Farm & Home. Melbourne.
Australian Museum. Records. Sydney.
Australian (The) Sugar Journal. Brisbane.
Australian (The) Zoologist. Sydney.
Bulletin of the Department of Agriculture, Western Australia. — *Idem: Division of Botany and Plant Pathology, Entomological Section.* Perth.
Bulletin of the Department of Intelligence, South Australia. Adelaide.
Chemist (The), Druggist and Pharmacist of Australasia. Melbourne.
Dalgety's Review. Sydney.
Fertilizer (The). Sydney.
Fruit (The) World of Australasia. Melbourne.
Government Gazette of Western Australia. Perth.
Institute of Science and Industry. Bulletin. Melbourne.
Journal of the Department of Agriculture of South Australia. Adelaide.
Journal of the Department of Agriculture of Victoria. Melbourne.
Land (The). Sydney.
Motor (The) in Australia. Sydney.
New South Wales. Department of Agriculture: 1. *Farmers' Bulletin.*
— 2. *Science Bulletin.* Sydney.
Pastoralists (The) Review. Melbourne.
Producer's Review. Perth.
Quarterly Summary of Australia Statistics. Melbourne.
Queensland (The) Agricultural Journal. Brisbane.
Queensland. Bureau of Sugar Experiment Stations. Division of Entomology: 1. *Bulletin* — 2. *General Series Bulletin.* Brisbane.
Queensland Government Gazette. Brisbane.
Report. Agricultural and Stock Department. Parliament of Tasmania. Hobart.
Review of Reviews for Australasia. Melbourne.
Science and Industry. Melbourne.
South Australia. Department of Agriculture. Bulletin. Adelaide.
South (The) Australian Government Gazette. Adelaide.
Tasmania Agricultural and Stock Department Bulletin. Hobart, Tasmania.
Victorian Year Book. Melbourne.
Western Australia Year Book. Perth.
Year Book (The Official) of New South Wales. Sydney.

Year Book (Official) of the Commonwealth of Australia. Melbourne.

AUSTRIA.

Allgemeine Wein-Zeitung. Wien.
Akademie (Kaiserliche) der Wissenschaften. Sitzungen der math. naturw. Klasse. Wien.
Allgemeine Zeitschrift für Bierbrauerei und Malzfabrikation. Wien.
Archiv für Chemie und Mikroskopie. Wien.
Berichte der k. u. k. österr. - ung. Konzularämter. Wien.
Bericht über die Tätigkeit der k. k. landw. - chemischen Versuchstation und der mit ihr vereinigten k. k. landw. - bacteriologischen und Pflanzenschutzstation in Wien. Wien-Leipzig.
Centralblatt für das gesamte Forstwesen. Wien.
Continentele Holz-Zeitung. Wien.
Deutsch-oesterreichische agrar-Zeitung. Wien.
Handelsmuseum (Das). Wien.
Illustrierte Monatsblätter für Bienenzucht. Wien.
Jahrbuch der k. k. geologischen Reichsanstalt. Wien.
Jahrbuch der k. - k. Landwirtschaftsgesellschaft in Wien. Wien.
Jahrbuch der österreichischen Industrie. Wien.
Jahresbericht der k. - k. Samenkontroll-Station in Wien. Wien.
Jahrbücher der k. - k. central-Anstalt für Meteorologie und Geodynamik. Offizielle Publikation. Wien.
Landes-Amtsblatt des Erzherzogtumes Oesterreich u. d. Enns. Wien.
Land- und volkswirtschaftliche Mitteilungen. Linz.
Landwirtschaftliche Mitteilungen für Kärnten. Klagenfurt.
Landwirtschaftliche Zeitschrift. Wien.
Landwirtschaftliche Zeitschrift für Oberösterreich. Linz.
Milchwirtschaftliche Zeitung. Wien.
Mitteilungen der Fachberichterstatter des k. k. Ackerbauministeriums. Wien.
Mitteilungen des k. k. Ackerbauministeriums über Pferdezucht-Angebrenheiten. Wien.
Mitteilungen der k. k. Gartenbau-Gesellschaft in Steiermark. Graz.
Mitteilungen des Landeskulturrates für Vorarlberg. Bregenz.
Mitteilungen der landwirtschaftlichen

Lehrkranz der k. k. Hochschule für Bodenkultur in Wien. Wien.
Mitteilungen des Zuchtvereines für das Alpine Grauviech in Steiermark. Graz.
Monatshefte für Landwirtschaft. Wien.
Ostzüchter (Der). Wien.
Oesterreichische agrar-Zeitung. Wien.
Oesterreichische botanische Zeitschrift. Wien.
Oesterreichische Fischerei-Zeitung. Wien.
Oesterreichische Forst- und Jagdzeitung. Wien.
Oesterreichische Garten-Zeitung. Wien.
Oesterreichische Molkerei-Zeitung. Wien.
Oesterreichische Monatsschrift für den Orient. Wien.
Oesterreichische Mooszeitschrift. Staaß.
Oesterreichisch-ungarische Zeitschrift für Zuckerindustrie und Landwirtschaft. Wien.
Oesterreichische Vierteljahresschrift (früher Monatsschrift) für Forstwesen. Wien.
Pferdezüchter (Der). Graz.
Samenkontrollstation (K. K.). Publikationen. Wien.
Statistisches Jahrbuch des k. k. Ackerbauministeriums. Wien.
Tiroler landwirtschaftliche Blätter. Innsbruck.
Vereinschrift für Forst- Jagd- und Naturkunde. Wien.
Verhandlungen der k. k. geologischen Reichsanstalt. Wien.
Volkswirtschaftliche Chronik der Oesterreichisch-Ungarischen Monarchie. Wien.
Wiener landwirtschaftliche Zeitung. Wien.
Wochenschrift des Zentralvereines für die Rübenzucker-Industrie Österreichs und Ungarns. Wien.
Zeitschrift des Österr. Ingenieur u. Architekten-Vereines. Wien.
Zeitschrift für das landwirtschaftliche Versuchswesen in Deutschösterreich. Wien.
Zeitschrift für Moorökologie und Torfverwertung. Wien.
Zentralblatt für das gewerbliche Unterrichtswesen in Oesterreich. Wien.

BELGIUM AND BELGIAN CONGO.

Académie royale de Belgique. Bulletin de la Classe des Sciences. Bruxelles.
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